

Page 6, line 1, replace "and Z₃" with --and X at position 6--;

line 4, replace "Z₄X₁X₂X₃GX₄PX₅, wherein Z₄" with --XXXXGXPX (SEQ ID

NO. 58), where X at position 1--;

line 5, replace "X₁, X₂, X₃, and X₄" with --X at positions 2, 3, 4, and 6--;

line 3, replace "wherein X₁ residues" with --wherein residues at position 2--;

line 8, insert --(SEQ ID NO. 59)-- after ""YALLGIP.""

Page 10, line 2, insert --and [SEQ ID NO: 63]-- after "[SEQ ID NO: 36]".

Page 13, in the last line, replace "ZXXZ₁Z₂Z₃GXG where Z, Z₁, and Z₂" with

--XXXXXXGXG (SEQ ID NO. 57) where X at positions 1, 4, and 5--.

Page 14, line 1, replace "Z₃" with --X at position 6--;

line 6, replace "Z₄X₁X₂X₃GX₄PX₅ motif wherein Z₄" with --XXXXGXPX

(SEQ ID NO. 58) motif wherein X at position 6--;

lines 10, and 14, replace "Z₄X₁X₂X₃GX₄PX₅" with --XXXXGXPX (SEQ ID NO. 58)--.

Page 15, line 1, replace "Z₄X₁X₂X₃GX₄PX₅" with --XXXXGXPX (SEQ ID NO. 58)--;

line 2, replace "YALLGX₄P" with --YALLGXP (SEQ ID NO. 60), where X at position 6 is M, I, V, L, F, or Y--; and

line 2, insert --(SEQ ID NO. 59)-- after ""YALLGIP.""

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Page ~~18~~, line ~~18~~, replace "Z₄X₁X₂X₃GX₄PX₅" with --XXXXGXPX (SEQ ID NO. 58)--.

Page ~~27~~, line ~~9~~, replace "ZXXZ₁Z₂Z₃GXG" with --XXXXXXGXG (SEQ ID NO. 57)--;
line ~~9~~, replace "Z₄X₁X₂X₃GX₄PX₅" with --XXXXGXPX (SEQ ID NO. 58)--.

Page ~~66~~, line ~~17~~, replace "Z₄X₁X₂X₃GX₄PX₅" with --XXXXGXPX (SEQ ID NO. 58)--.

Page ~~67~~, at the end of line ~~4~~, insert --(SEQ ID NO. 61)--; and
line ~~10~~, replace "Z₄X₁X₂X₃GX₄PX₅" with --XXXXGXPX (SEQ ID NO. 58)--.

Page ~~68~~, at the end of line ~~20~~, insert --(SEQ ID NO. 62)--.

Page ~~69~~, line ~~26~~, replace "Z₄X₁X₂X₃GX₄PX₅" with --XXXXGXPX (SEQ ID NO. 58)--.

Page ~~70~~, at the end of the last line, insert --(SEQ ID NO. 56)--.

Insert the attached Sequence Listing (pages 1-34) at the end of the application.

IN THE DRAWINGS:

Please amend Figures 2B, 3B, 4, 5A, 9B, and 10 as indicated in the attached Request for Approval of Drawing Changes.